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20. The component according to claim 19, wherein the area of the second mirror projected into a plane perpendicular to the longitudinal axis of the optical waveguide amounts to not more than 1/10 of the projected area of the first mirror.

21. The component according to claim 18, wherein the second mirror, in a projection into a plane perpendicular to the longitudinal axis of the optical waveguide, lies within the area of the first mirror.

22. The component according to claim 18, wherein the first and second mirrors are parabolic mirrors.

23. The component according to claim 18, wherein the focal point of the second mirror, as seen from the optical waveguide, lies behind the focal point of the first mirror.

24. The component according to claim 18, wherein the component is provided with a receiving groove, having a trapezoidal cross-section, for an optical waveguide and in that the optical waveguide is an optical fiber which has a trapezoidal cross-section in the region of the component.

25. The component according to claim 18, wherein the component is provided with a receiving groove, having a semicircular cross-section, for an optical waveguide and in that the optical waveguide is an optical fiber, which has a semicircular cross-section in the region of the component.

26. An assembly consisting of a component according to claim 18, and a second component comprising adjustment configurations, an optical transmitter and an optical receiver, the transmitter and the receiver being arranged next to one another and the two components being